

IN THE CLAIMS:

Please amend the claims as indicated below.

1. (Original) A method for periodically broadcasting media content, the
5 method comprising the steps of:

creating a plurality of levels for the media content; and
periodically transmitting each level.

2. (Original) The method of claim 1, wherein the step of creating a plurality
10 of levels for the media content comprises creating two levels for the media content.

3. (Original) The method of claim 1, wherein:
the step of creating further comprises the step of creating a plurality of
levels of detail; and
15 the step of periodically transmitting further comprises the step of
periodically transmitting each level of detail.

4. (Original) The method of claim 1, wherein:
the step of creating further comprises the step of creating a plurality of
20 levels of importance; and
the step of periodically transmitting further comprises the step of
periodically transmitting each level of importance.

5. (Original) The method of claim 1, wherein the step of creating further
25 comprises the step of creating a plurality of levels wherein no level contains information
from the media content that is in another level.

6. (Original) The method of claim 1, wherein each level comprises an
amount of data that is less than an amount of data in the media content.

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7. (Original) The method of claim 1, wherein combining data from all of the levels provides an exact representation of the media content.

8. (Original) The method of claim 1, wherein combining data from all of the levels does not provide an exact representation of the media content.

9. (Original) The method of claim 1, wherein the media content comprises one or more of stroke data, video, audio, text, images, a slide sequence, a three-dimensional sequence, and an animation.

10. (Original) The method of claim 1, wherein one of the levels has less data than another level, and wherein the method further comprises the step of assigning a higher bandwidth to the one level than is assigned to the other level.

11. (Original) The method of claim 1, wherein one of the levels is more important than another level, and wherein the method further comprises the step of assigning a higher bandwidth to the one level than is assigned to the other level.

12. (Original) The method of claim 1, further comprising the steps of:
assigning a minimum latency for each of the levels; and
determining a bandwidth for each level of detail by using a corresponding one of the minimum latencies.

13. (Original) The method of claim 1, wherein the step of periodically transmitting each level further comprises the step of interleaving the levels.

14. (Original) The method of claim 1, wherein the step of periodically transmitting each level further comprises the steps of:

determining a predetermined latency for each level; and
transmitting each level within a corresponding predetermined latency.

15. (Original) The method of claim 1, wherein:
the media content comprises a plurality of indivisible units;
the step of creating further comprises selecting some of the indivisible
units for each level; and

5 the step of periodically transmitting further comprises the step of
interleaving each of the levels into an output stream.

16. (Original) The method of claim 1, wherein:
the media content comprises a plurality of divisible units;
10 the step of creating further comprises processing each divisible unit into a
plurality of levels; and

the step of periodically transmitting further comprises the step of
interleaving levels from each divisible unit into an output stream.

15 17. (Original) The method of claim 16, wherein each of the divisible units
comprises stroke data determined from a whiteboard at a certain time.

18. (Original) The method of claim 1, further comprising the steps of:
receiving each of the levels; and
20 displaying some of the levels through the following steps:
selecting some of the plurality of levels to display; and
reconstructing part or all of the media content by combining the selected
levels.

25 19. (Original) A method comprising the steps of:
determining original stroke data from a whiteboard;
for each of a plurality of levels of detail, determining predicted stroke data
from the original stroke data; and
periodically transmitting the predicted stroke data for each level of detail.

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20. (Original) The method of claim 19, wherein the step of periodically transmitting further comprises the steps of:

determining a latency for each level of detail; and
transmitting each level of detail within its respective latency.

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21. (Original) The method of claim 20, further comprising the step of determining bandwidth for each level of detail by using a respective latency.

22. (Original) The method of claim 19, wherein the step of determining
10 predicted stroke data further comprises the steps of:

for a lowest level of detail, determining segmentation points of the original stroke data and using the segmentation points as the predicted stroke data for the lowest level of detail; and

15 for higher levels of detail, determining feature points determined by using an area-based error method that uses points in a lower level of detail, wherein the feature points are used as the predicted stroke data.

23. (Original) The method of claim 22, wherein the step of determining feature points determined by using an area-based error method that uses points in a lower
20 level of detail further comprises the steps of:

determining two points that are contained in a lower level of detail; and
iterating the following steps until a first area is within a predetermined amount from a second area:

25 selecting a prediction point from the original stroke data, wherein the prediction point is between the two points on a line formed by the original stroke data;

selecting a local point immediately prior to or after the prediction point on the line formed by the original stroke data;

30 determining the first area of a triangle formed by the prediction point, one of the two points, and the local point;

determining the second area of a triangle formed by the prediction point, the other of the two points, and the local point;

comparing the first and second areas; and

when the first area is within a predetermined amount from the
5 second area, selecting the prediction point as a feature point.

24. (Original) The method of claim 19, further comprising the steps of:
receiving a set of the levels of detail; and
displaying this set of the levels of detail by combining points from the
10 each level of detail in the set.

25. (Cancelled)

26. (Cancelled)

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27. (Cancelled)

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29. (Cancelled)

30. (Original) A system for periodically broadcasting media content,
comprising:

a memory that stores computer-readable code; and

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a processor operatively coupled to the memory, the processor configured
to implement the computer-readable code, the computer-readable code configured to:

create a plurality of levels for the media content; and

periodically transmit each level.

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31. (Original) The system of claim 30, wherein:
the computer-readable code is further configured, when creating, to create
a plurality of levels of detail; and

the computer-readable code is further configured, when periodically
5 transmitting, to periodically transmit each level of detail.

32. (Original) The system of claim 30, wherein:
the computer-readable code is further configured, when creating, to create
a plurality of levels of importance; and

10 the computer-readable code is further configured, when periodically
transmitting, to periodically transmit each level of importance.

33. (Original) The system of claim 30, wherein the media content comprises
one or more of stroke data, video, audio, text, images, a slide sequence, a three-
15 dimensional sequence, and an animation.

34. (Original) The system of claim 30, wherein one of the levels has less data
than another level, and wherein the computer-readable code is further configured to
assign a higher bandwidth to the one level than is assigned to the other level.

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35. (Original) The system of claim 30, wherein one of the levels is more
important than another level, and wherein the computer-readable code is further
configured to assign a higher bandwidth to the one level than is assigned to the other
level.

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36. (Original) The system of claim 30, wherein the computer-readable code is
further configured to:

assign a minimum latency for each of the levels; and

determine a bandwidth for each level of detail by using a corresponding
30 one of the minimum latencies.

37. (Original) The system of claim 30, wherein the computer-readable code is further configured to:

receive each of the levels; and

display some of the levels through the following steps:

5 select some of the plurality of levels to display; and

reconstruct part or all of the media content by combining the selected levels.

38. (Original) A system for periodically broadcasting levels of detail of stroke data, comprising:

a memory that stores computer-readable code; and

a processor operatively coupled to the memory, the processor configured to implement the computer-readable code, the computer-readable code configured to:

determine original stroke data from a whiteboard;

15 for each of a plurality of levels of detail, determine predicted stroke data from the original stroke data; and

periodically transmit the predicted stroke data for each level of detail.

39. (Original) The system of claim 38, wherein the computer-readable code is further configured, when determining predicted stroke data, to:

20 for a lowest level of detail, determine segmentation points of the original stroke data and using the segmentation points as the predicted stroke data for the lowest level of detail; and

25 for higher levels of detail, determine feature points determined by using an area-based error method that uses points in a lower level of detail, wherein the feature points are used as the predicted stroke data.

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45. (Original) An article of manufacture comprising:
a computer-readable medium having computer-readable code means
embodied thereon, the computer-readable program code means comprising:
10 a step to create a plurality of levels for the media content; and
a step to periodically transmit each level.

46. (Original) The article of manufacture of claim 45, wherein:
the computer-readable program code means further comprises, when
15 creating, a step to create a plurality of levels of detail; and
the computer-readable program code means further comprises, when
periodically transmitting, a step to periodically transmit each level of detail.

47. (Original) The article of manufacture of claim 45, wherein:
20 the computer-readable program code means further comprises, when
creating, a step to create a plurality of levels of importance; and
the computer-readable program code means further comprises, when
periodically transmitting, a step to periodically transmit each level of importance.

25 48. (Original) The article of manufacture of claim 45, wherein the media
content comprises one or more of stroke data, video, audio, text, images, a slide
sequence, a three-dimensional sequence, and an animation.

49. (Original) The article of manufacture of claim 45, wherein one of the
30 levels has less data than another level, and wherein the computer-readable program code

means further comprises a step to assign a higher bandwidth to the one level than is assigned to the other level.

50. (Original) The article of manufacture of claim 45, wherein one of the
5 levels is more important than another level, and wherein the computer-readable program code means further comprises a step to assign a higher bandwidth to the one level than is assigned to the other level.

51. (Original) The article of manufacture of claim 45, wherein the computer-
10 readable program code means further comprises:
a step to assign a minimum latency for each of the levels; and
a step to determine a bandwidth for each level of detail by using a corresponding one of the minimum latencies.

15 52. (Original) The article of manufacture of claim 45, wherein the computer-readable program code means further comprises:
a step to receive each of the levels; and
a step to display some of the levels through the following steps:
a step to select some of the plurality of levels to display; and
20 a step to reconstruct part or all of the media content by combining the selected levels.

53. (Original) An article of manufacture comprising:
a computer-readable medium having computer-readable code means
25 embodied thereon, the computer-readable program code means comprising:
a step to determine original stroke data from a whiteboard;
for each of a plurality of levels of detail, a step to determine predicted stroke data from the original stroke data; and
a step to periodically transmit the predicted stroke data for each level of
30 detail.

54. (Original) The article of manufacture of claim 53, wherein the computer-readable program code means further comprises, when determining predicted stroke data:

for a lowest level of detail, a step to determine segmentation points of the original stroke data and using the segmentation points as the predicted stroke data for the

5 lowest level of detail; and

for higher levels of detail, a step to determine feature points determined by using an area-based error method that uses points in a lower level of detail, wherein the feature points are used as the predicted stroke data.

10 55. (Cancelled)

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58. (Cancelled)

59. (Cancelled)